# HLM_Example

*ejwilliams*

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## Assignment 1 - Picking a Data Set

**Prompt**: Choose a data set that you would like to work with for your course project. Describe the hierarchy of the data (for example, Level 1: students, Level 2: schools, or Level 1: individuals, Level 2: households, or Level 1: repeated measures, Level 2: individuals).

Then, conceptualize a hierarchical linear model by a) formulating a research question, b) identifying a response variable and c) proposing a minimum of two Level 1 predictor variables and two Level 2 predictors of your response variable.

For your assignment submit via Moodle:

1) A sentence or two describing your research question

2) The name and a brief description of the hierarchy of your data set,

3) A brief definition, including the distribution (quantitative or binary), of your response variable,

4) A brief definition, including the distributions (quantitative or categorical), of your Level 1 and Level 2 predictor variables.